

region of a single EF hand loop region is identified with double lines. The presumed cleavage site for each protein is indicated with arrows.

IN THE CLAIMS

~~Please cancel claims 20-22 and 25.~~

~~Please amend the following claims:~~

23. (amended) A method of purifying the autotaxin polypeptide of claim 26 comprising the steps of:

- i) collecting and concentrating supernatant from cultured cells whereby a first preparation of said polypeptide is produced;
- ii) salt fractionating said first preparation to produce a second polypeptide preparation; and
- iii) isolating said polypeptide from said second preparation so that said polypeptide is obtained in substantially pure form,

wherein said polypeptide comprises an amino acid sequence of human autotaxin having phosphodiesterase activity, and wherein said polypeptide is a cell motility-stimulating peptide.

26. (amended) An isolated polypeptide comprising an amino acid sequence of human autotaxin having phosphodiesterase activity and cell motility-stimulating activity, wherein the polypeptide comprises the amino acid sequence 5'-Tyr-Met-Arg-Pro-Val-Tyr-Pro-Thr-Lys-Thr-Phe-Pro-Asn-3', residues 201 through 213 of SEQ ID NO:69:

REMARKS

Applicants respectfully request favorable consideration of the present application and claims. Early and favorable action by the Examiner is earnestly solicited.